

AMENDMENTS TO THE CLAIMS

1-5. (Canceled)

6. (Previously Presented) An insert adapted to connect to opposite walls in a heat exchanger tube, said insert comprising a corrugated sheet having alternating wave crests and wave troughs connected by wave flanks having openings therein, said insert having a first section having a first wavelength with a direction of propagation and a second section having a second wavelength with a direction of propagation that is the same as the direction of propagation for said first wavelength, said first section being adjacent said second section and said first wavelength being less than the second wavelength.

7. (Previously Presented) The insert of claim 6, further comprising a third section having a third wavelength, said second section being between said first and third sections with said second wavelength being greater than said first and third wavelengths.

8. (Previously Presented) An insert adapted to connect to opposite walls in a heat exchanger tube, said insert comprising a corrugated sheet having alternating wave crests and wave troughs connected by wave flanks having openings therein, said insert having a first section having a first wavelength and a second section having a second wavelength, said first section being adjacent said second section and said first wavelength being less than the second wavelength, further comprising a third section having a third wavelength, said second section being between said first and third sections with said second wavelength being greater than said first and third wavelengths and further comprising a heat exchanger medium inlet opening in said first section and a heat exchanger medium outlet opening in said third section, wherein said first and third wavelengths are substantially the same.

9-10. (Cancel)